VOL. 429 JOURNAL OF CHROMATOGRAPHY JULY 29, 1988

(Biomedical Applications, Vol. 73)

CONTENTS

CHROMATOGRAPHY AND ELECTROPHORESIS IN ROUTINE CLINICAL ANALYSIS

Editorial
by Z. Deyl and P.M. Kabra 1

Chromatography of fat-soluble vitamins in clinical chemistry
by A.P. De Leenheer, H.J. Nelis, W.E. Lambert and R.M. Bauwens (Ghent, Belgium) 3

Chromatography of urinary indole derivatives
by P.M.M. van Haard (Delft, The Netherlands) and S. Pavel (Amsterdam, The Netherlands) 59

Analysis and clinical significance of pterins
by K. Hyland and D.W. Howells (London, U.K.) 95

High-performance liquid chromatography of porphyrins
by C.K. Lim, F. Li and T.J. Peters (Harrow, U.K.) 123

Clinical analysis of individual steroids by column liquid chromatography
by P.M. Kabra (San Francisco, CA, U.S.A.) 155

Catecholamines and their metabolites
by B. Kågedal (Linköping, Sweden) and D.S. Goldstein (Bethesda, MD, U.S.A.) 177

Chromatography and electrophoresis of creatinine and other guanidino compounds
by S.-M. Huang (Raritan, NJ, U.S.A.) and Y.-C. Huang (Piscataway, NJ, U.S.A.) 235

Hypoxanthine, xanthine and uridine in body fluids, indicators of ATP depletion
by R.A. Harkness (Harrow, U.K.) 255

Glycated haemoglobins
by R. Flückiger (Basel, Switzerland) and H.B. Mortensen (Copenhagen, Denmark) ... 279

Methods for analysis of urinary glycosaminoglycans
by C. Kodama (Miyagi, Japan), T. Kodama (Tokyo, Japan) and Z. Yosizawa (Miyagi, Japan) 293

Urinary protein analysis
by M.H. Weber (Göttingen, F.R.G.) 315

Cerebrospinal fluid protein analysis in diseases of the nervous system
by M.G. Harrington and C.R. Merril (Bethesda, MD, U.S.A.) 345

Phospholipids in amniotic fluid with special reference to the lecithin/sphingomyelin ratio
by J.C. Touchstone and J.G. Alvarez (Philadelphia, PA, U.S.A.) 359

Lactate dehydrogenase isoenzymes
by M. Maekawa (Hamamatsu, Japan) 373

Creatine kinase isoenzymes
by F. Kanemitsu and T. Okigaki (Okayama, Japan) 399

Alkaline phosphatase. Laboratory and clinical implications
by W. Meyer-Sabellek, P. Sinha and E. Köttgen (Berlin, F.R.G.) 419

Author Index 445

List of Compounds Chromatographed 447

In articles with more than one author, the name of the author to whom correspondence should be addressed is indicated in the article heading by a 6-pointed asterisk (*)